

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. – 18. (Cancelled)

19. (New) A data processing device configured to communicate with a plurality of resources via a browser, comprising:

the browser comprising a first private zone and a second private zone, wherein the first private zone and the second private zone are each configured to be allocated to a respective set of resources of the plurality of resources to store information; and
a plug-in configured to ensure that the respective set of resources communicate exclusively with the first private zone allocated to the respective set of resources.

20. (New) The data processing device of claim 19, wherein the plug-in comprises at least one input parameter corresponding to a zone access key, wherein a value of the zone access key is supplied through a secured transmission by the respective set of resources corresponding to the first private zone, and wherein the plug-in, after execution and depending on the zone access key, is able to authorize access to the first private zone, and deny access to the second private zone of the browser.

21. (New) The data processing device of claim 20, wherein the respective set of resources performs authentication by transmitting a request to the browser prompting the user to enter the zone access key received, and if the access key is correct, the plug-in comprises code instructions adapted to manage authentication between the respective set of resources and a corresponding allocated private zone from a group consisting of the first private zone and the second private zone.

22. (New) The data processing device of claim 19, wherein the first private zone and the second private zone are each configured to store information, wherein information comprises security

information ensuring secured communication between at least one of a group consisting of the first private zone and the second private zone, and the respective set of resources.

23. (New) The data processing device of claim 22, wherein the data processing device interprets code instructions which, after authentication and using security information stored in at least one of the first private zone and the second private zone, is configured to manage the administration of the at least one of the first private zone and the second private zone as well as the use of application data in the at least one of the first private zone and the second private zone during a communication between the browser and the respective set of resources.

24. (New) The data processing device of claim 19, further comprising:

a manager comprising code instructions adapted to manage use of the data processing device, wherein the plug-in further comprises functionality to manage, upon request, allocation of the first private zone to the respective set of resources by supplying information to the respective set of resources, wherein information comprises a reference of the first private zone.

25. (New) A computer resource communicating with a data processing device via a network, wherein the data processing device comprises:

a browser; and

a plug-in which, when executed, is configured to obtain an allocation of a private zone, wherein the allocation ensures that the communication between the private zone and the computer resource is exclusive.

26. (New) The computer resource of claim 25, wherein the private zone is managed by an entity, wherein the entity is configured to allocate the private zone to the computer resource and transmits security parameters to the computer resource, wherein the parameters identify the private zone.

27. (New) The computer resource of claim 26, wherein:

the entity is further configured to transmit to the computer resource at least one master key previously stored in the private zone; and

the at least one master key is configured to encrypt information transmitted between the private zone and the computer resource.

28. (New) The computer resource of claim 25, further comprising:

a secured means configured to transmit a key to the data processing device to access the private zone, wherein the data processing device uses the key during communication to authenticate the private zone with the computer resource.

29. (New) A data processing system comprising:

a browser comprising a plurality of private zones; and

a data processing device configured to communicate with a plurality of sites via the browser, wherein each of the plurality of private zones is configured to be allocated to the plurality of sites and store security information ensuring secured communication between the data processing device and the plurality of sites, and

wherein the browser interprets code instructions stored on the data processing device ensuring that the plurality of sites communicates exclusively with an allocated private zone of the plurality of private zones.

30. (New) A method for communication using a data processing device, comprising:

creating, in a browser, a first private zone and a second private zone, wherein each of the first private zone and the second private zone is configurable to be allocated to a respective set of resources and store security information ensuring secured communication between at least one of the first private zone and the second private zone and the respective set of resources;

allocating the first private zone to the respective set of resources; and

communicating between the allocated private zone and the respective set of resources, wherein a plug-in denies access during the communication to the second private zone.

31. (New) The method of claim 30, wherein allocating the first private zone is managed by an entity, wherein the entity allocates the first private zone to the respective set of resources by supplying information comprising a reference of the first private zone.
32. (New) The method of claim 31, wherein information supplied comprises a value of a master key stored in the first private zone, wherein the master key is able to encrypt information transmitted between the first private zone and the respective set of resources.
33. (New) The method of claim 30, wherein the respective set of resources transmits, by a secured transmission means, an access key associated with the first private zone, wherein the access key is used to execute a plug-in, wherein the plug-in, after execution, is able to ensure that the respective set of resources communicate exclusively with the first private zone.
34. (New) The method of claim 30, wherein, to open a secured transaction, the respective set of resources transmits a plug-in, wherein the plug-in is configured to check whether security information written in at least one from the group consisting of the first and second private zones corresponds to the security information stored in a memory attached to the respective set of resources.
35. (New) A computer plug-in for a data processing device,
wherein the data processing device is configured to communicate with a plurality of resources via a browser, wherein the browser comprises a plurality of private zones, wherein each private zone is configured to be allocated to a respective set of resources and store information specific to the respective set of resources,
wherein the plug-in comprises at least one input parameter corresponding to a key to access at least one of the plurality of private zones, wherein the value of the key is supplied to the data processing device by the respective set of resources, and

wherein the plug-in, after execution, authorizes access to the at least one of the plurality of private zones according to the key.

36. (New) A computer readable medium, embodying instructions executable by the computer to perform method steps for communication using a data processing device, the instructions comprising functionality to:

create, in a browser, a first private zone and a second private zone, wherein each of the first private zone and the second private zone is configurable to be allocated to a respective set of resources and store security information ensuring secured communication between at least one of the first private zone and the second private zone and the respective set of resources;

allocate the first private zone to the respective set of resources; and

communicate between the allocated private zone and the respective set of resources, wherein a plug-in denies access during the communication to the second private zone.